

From: [Wright, Jeff](#)
To: [Gary Moore/R6/USEPA/US@EPA](#)
Cc: [Bordelon, David](#)
Subject: RE: Delta Shipyards Treatability Tests
Date: 12/14/2012 01:24 PM

Gary -

I'm in the process of putting together an email request to the laboratory representative. I will ask for them to provide specific methods and procedures for Analytical sample analysis, Unconfined Compressive Strength, Volume Expansion, Permeability Tests, and Leachate analysis. We will need this information to include in our DQO document. I have also reached out to some of our personnel in Houston that may have experience with this type of Technical Plan. Once I receive this information, I would like to set up a conference call to ensure that we will be providing the information you need in the proper format.

Thanks,



Jeff Wright, CHMM
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From: Moore.Gary@epamail.epa.gov [mailto:Moore.Gary@epamail.epa.gov]
Sent: Thursday, December 13, 2012 9:02 PM
To: Wright, Jeff
Subject: Re: Delta Shipyards Treatability Tests

I think we need a technical plan with DQOs that weston should prepare to insure we are gathering the information we need to do this properly.

Gary

Gary Moore
Federal On-Scene Coordinator
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From: "Wright, Jeff" [Jeff.Wright@WestonSolutions.com]



9522435

Sent: 12/13/2012 03:52 PM EST
To: Gary Moore
Cc: "Bordelon, David" <David.Bordelon@WestonSolutions.com>
Subject: RE: Delta Shipyards Treatability Tests

Gary –

The representative at the lab indicated that once we decide on the treatability test criteria, they will provide a proposal that will define: 1) the test methods to be conducted; 2) the number tests to be completed; 3) the expected turnaround time for test results; and 4) the cost quote for completing agreed upon deliverables. Is this the type of information you had in mind when you mentioned the treatability sampling plan? If so, I think the laboratory proposal document will cover the items of concern.



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From: Moore.Gary@epamail.epa.gov [<mailto:Moore.Gary@epamail.epa.gov>]
Sent: Thursday, December 13, 2012 12:52 PM
To: Wright, Jeff
Subject: Re: Delta Shipyards Treatability Tests

Jeff:

I will need a treatability sampling plan so that we know what is going to happen and how we are going to accomplish the work. Let me know what we can do.

Thanks

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From: Gary Moore/R6/USEPA/US
To: "Wright, Jeff" <Jeff.Wright@WestonSolutions.com>
Date: 12/11/2012 05:08 PM
Subject: Re: Delta Shipyards Treatability Tests

Jeff:

I am a little overloaded right now, let me look at this stuff sometime this week and I will get back to you. Does this company push proprietary stuff or are they unbiased?

Thanks

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From: "Wright, Jeff" <Jeff.Wright@WestonSolutions.com>
To: Gary Moore/R6/USEPA/US@EPA
Cc: "Bordelon, David" <David.Bordelon@WestonSolutions.com>
Date: 12/11/2012 02:34 PM
Subject: Delta Shipyards Treatability Tests

Gary –

I spoke with a Kemron Environmental representative that has conducted treatability tests for some Weston projects. During our conversation he indicated that were about five criteria/objectives that should be defined prior to test analysis. Those items include:

- 1) Analytical criteria – I think you have decided on Industrial and LARECAP screening levels.
- 2) Unconfined Compressive Strength – John Halk indicated 8 psi, the rep indicated that they typically have a UCS criteria of 50 psi.
- 3) Volume Expansion – This test would be conducted if there was a concern of expansion of the solidified waste within a defined area.
- 4) Permeability Tests – He mentioned that the standard permeability value is 10^{-6} , and the treatability tests results should be a factor of 2 less than the standard.
- 5) Leachate Tests – The state may want SPLP; there may be other EPA approved leachate tests that are more representative of real world conditions. (Solidified Mass/ANS).

Once we define the criteria/objectives, the lab can submit a proposal outlining the number of tests, completion date and costs. Should we set up conference call to discuss?



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